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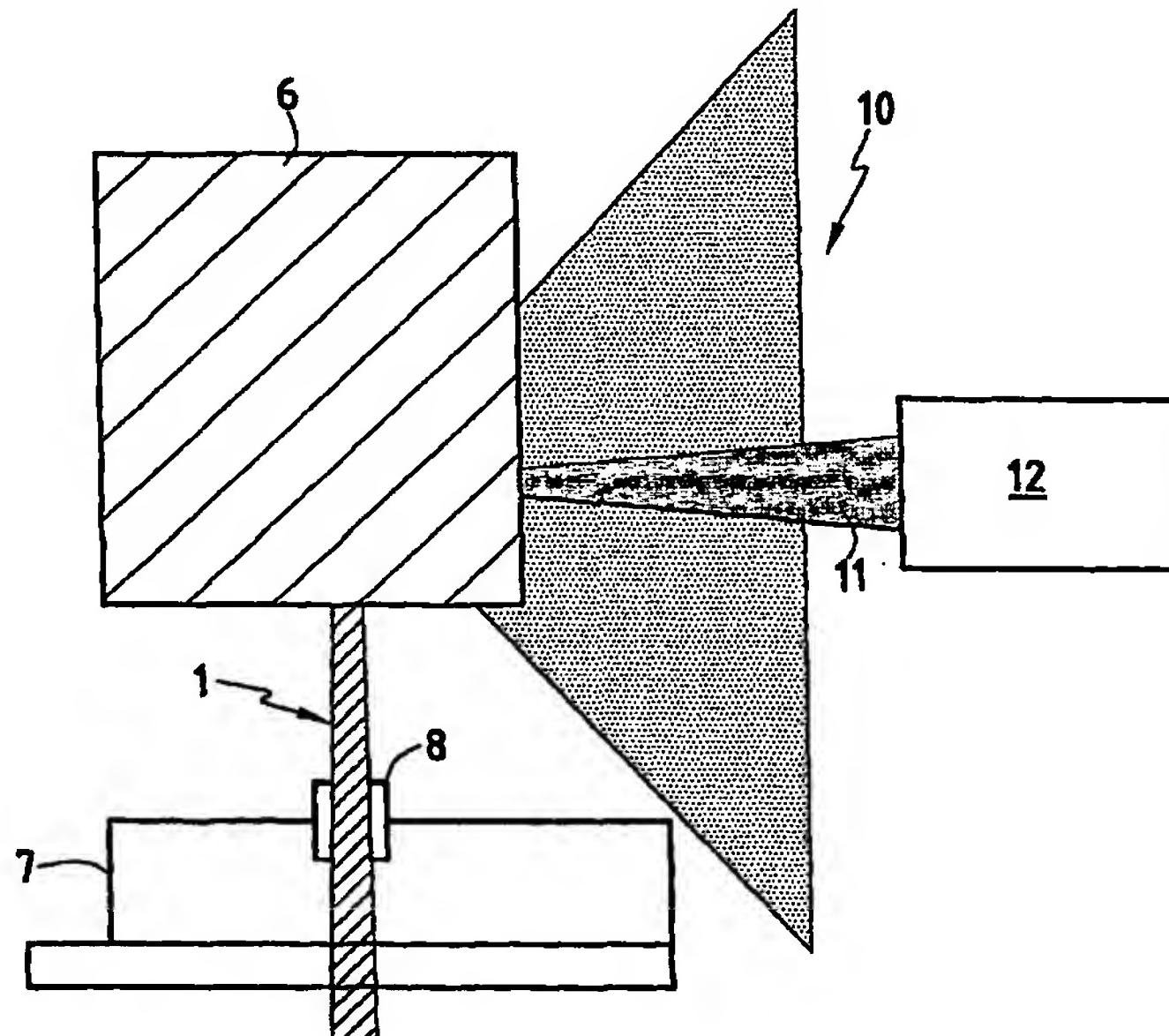
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(54) Title: METHOD AND DEVICE FOR PRODUCING EXTREME ULTRAVIOLET RADIATION OR SOFT X-RAY RADIATION



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(57) Abstract: The device for generating extreme ultraviolet (EUV) or soft X-ray radiation comprises a laser source (12) for producing a laser radiation (11) which is focused to intensities beyond  $10^6 \text{ W/cm}^2$  onto a target to produce a plasma and electrodes mounted on an electrically insulating block (6) and located around the path of the plasma produced by the laser source (12). The electrodes are combined with a device for producing a rapid electric discharge in the plasma with a characteristic time constant which is less than the time constant of the laser produced plasma expansion time.



*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*